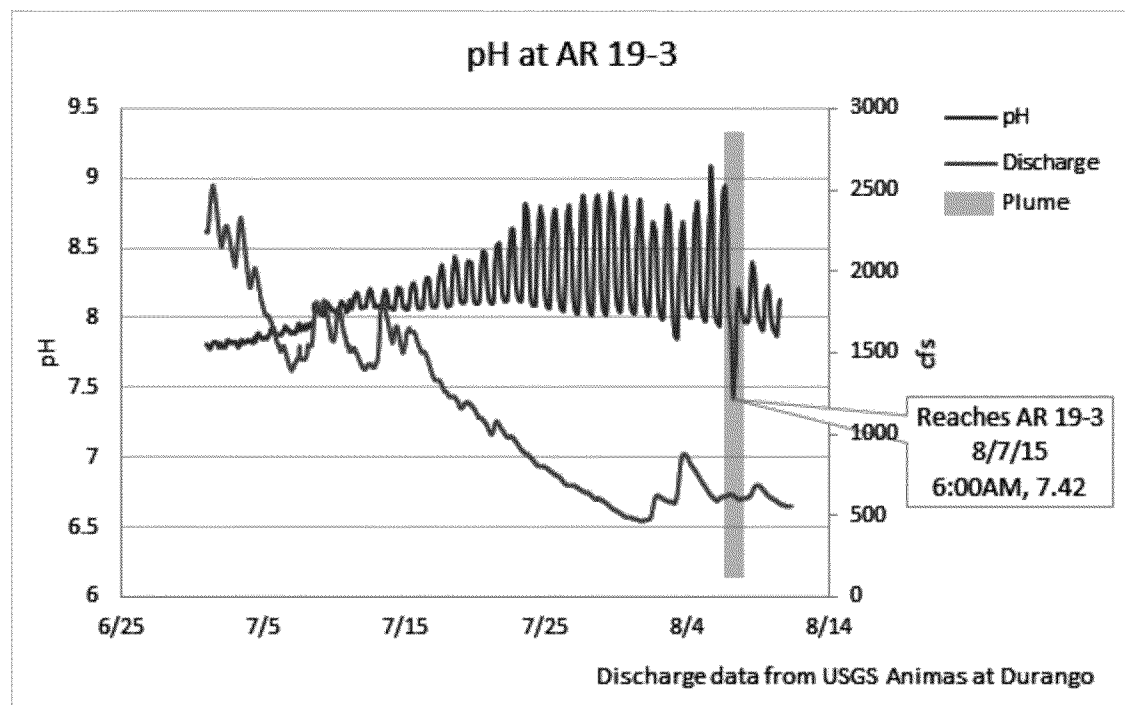


To: Peter Butler[butlerpeter2@gmail.com]; Horn - DNR, Barb[barb.horn@state.co.us]; Wall, Dan[wall.dan@epa.gov]; Marcie Demmy Bidwell[marcie@mountainstudies.org]; christina@durango.net[christina@durango.net]; tojohns@southernute-nsn.gov[tojohns@southernute-nsn.gov]; Drake, Phil[pdrake@southernute-nsn.gov]
From: Hartenstine, Curtis
Sent: Tue 8/11/2015 8:29:33 PM
Subject: Initial continuous pH data, northern reservation boundary
[photo 4 \(4\).jpg](#)

Hello All,

Please see the attached graph of continuous reading sonde data (30 min increment) at the northern border of the Reservation Dallabetta (19.3 miles upstream of the state line with NM). As you can see from the graph, pH levels dropped to about 7.4 for a short period of time during the initial plume. I included flow data from the gauge at Durango and this has been corrected to match our location downstream. More graphs and data to come as they are available.

Additionally, white sucker young of the year in large numbers throughout the reservation (attached photo is from some south of the Weasleskin Bridge on the Reservation) - good news. We captured some of them on Friday, in the most intense part of the plume and have kept them alive in that water in our offices. Our wildlife program has round tail chub in the river since before the plume and they have also survived.



Best, Curtis

Curtis Hartenstine

Southern Ute Indian Tribe

Water Quality Program Manager

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